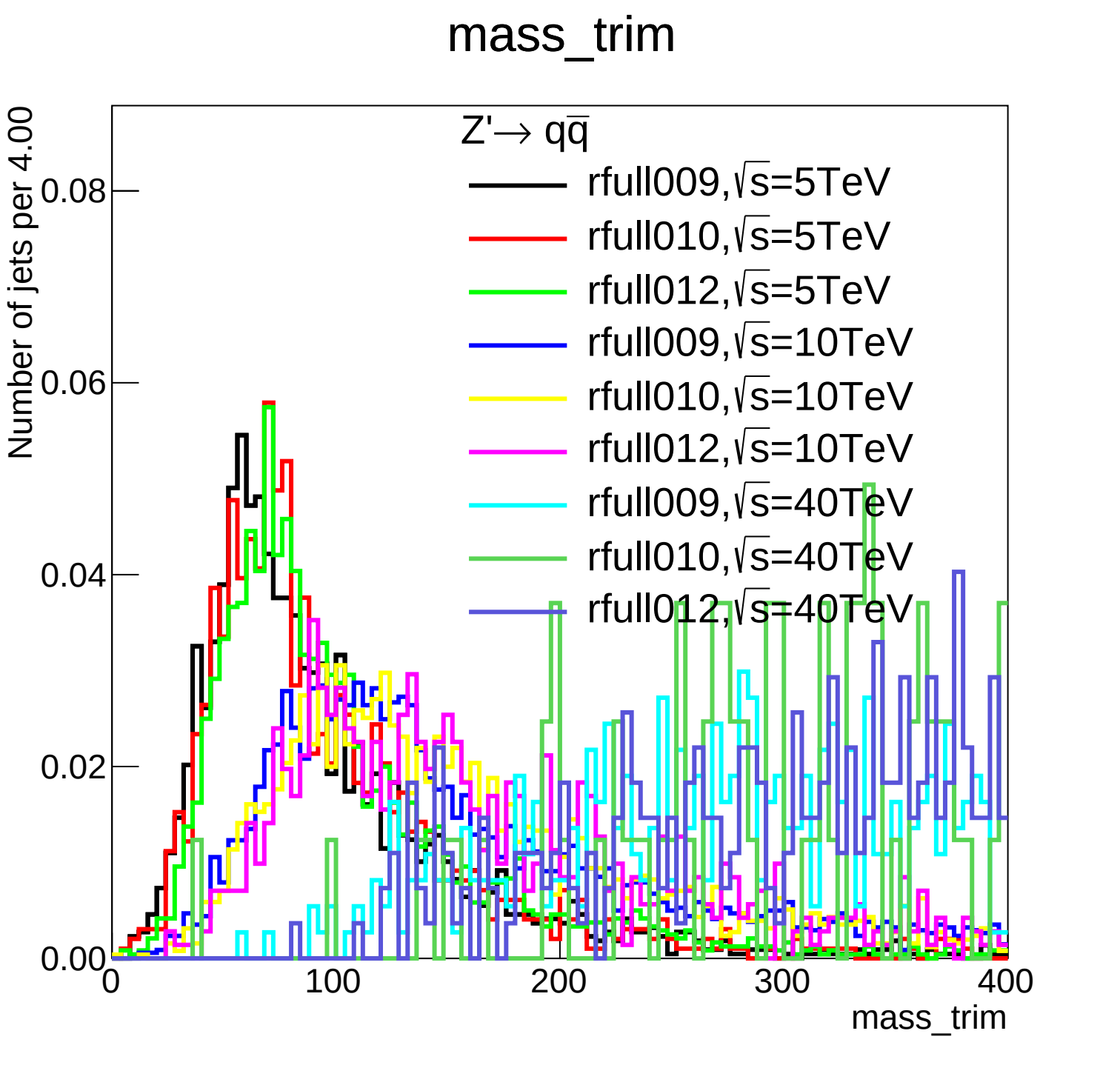
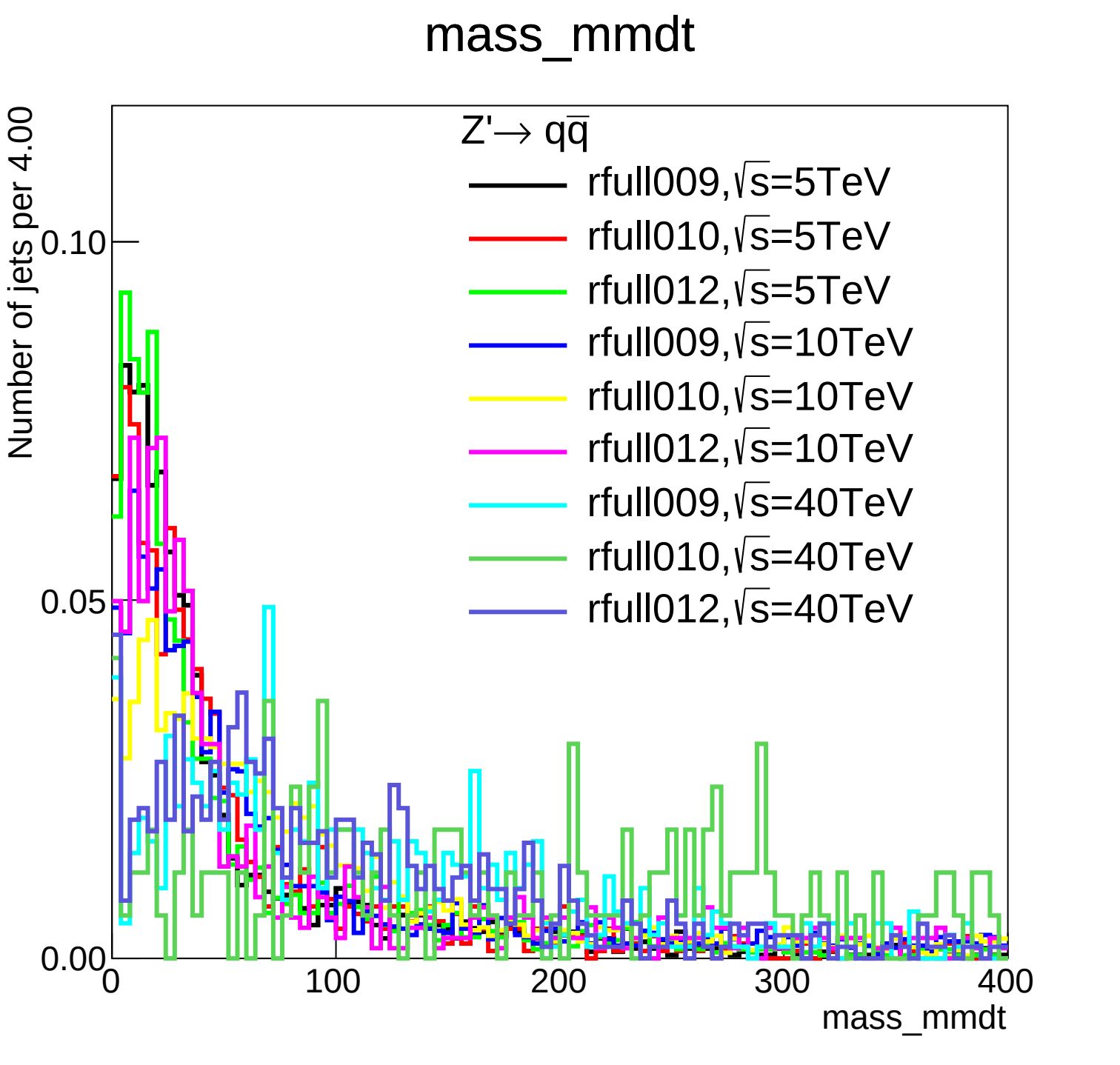
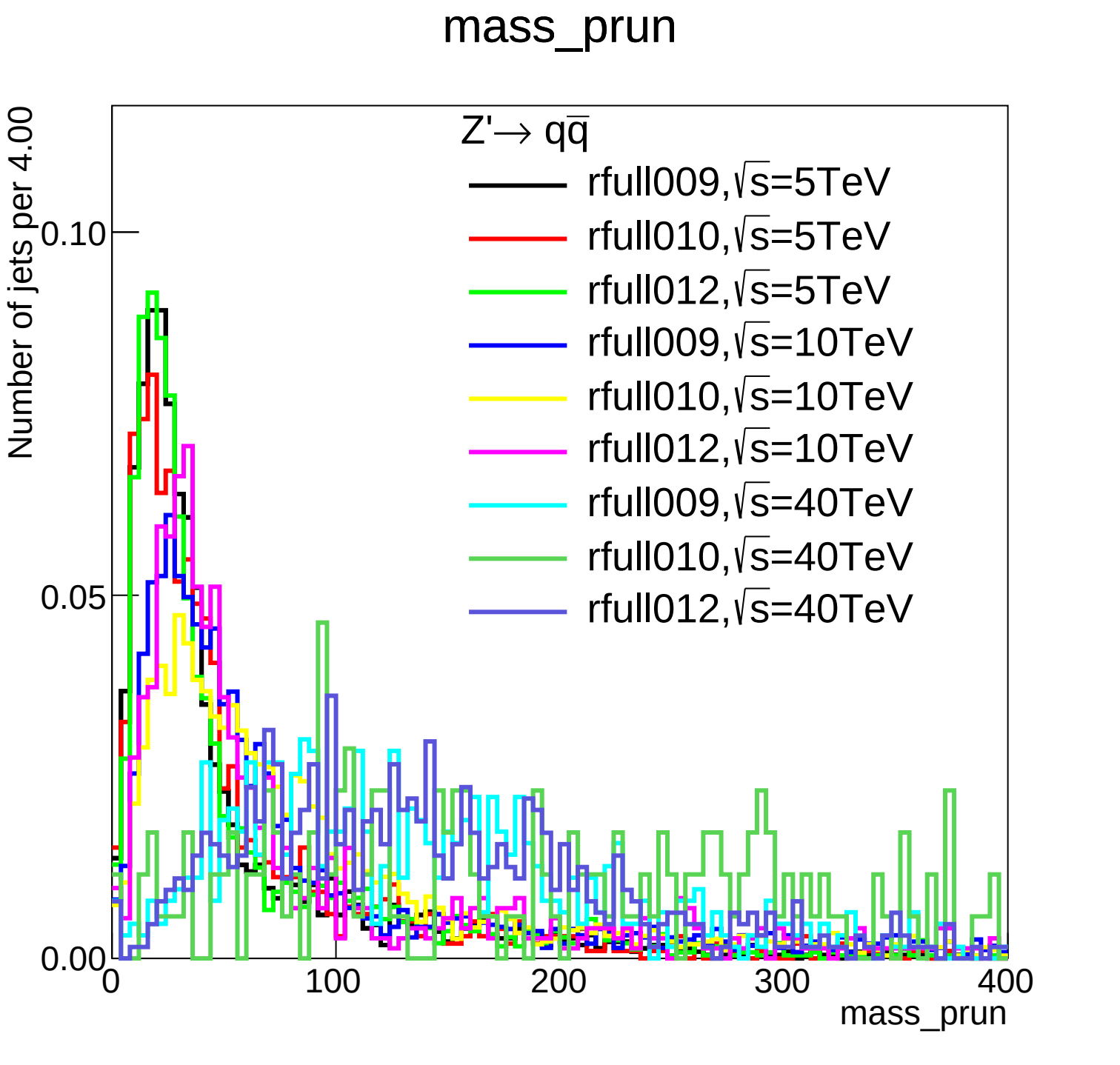
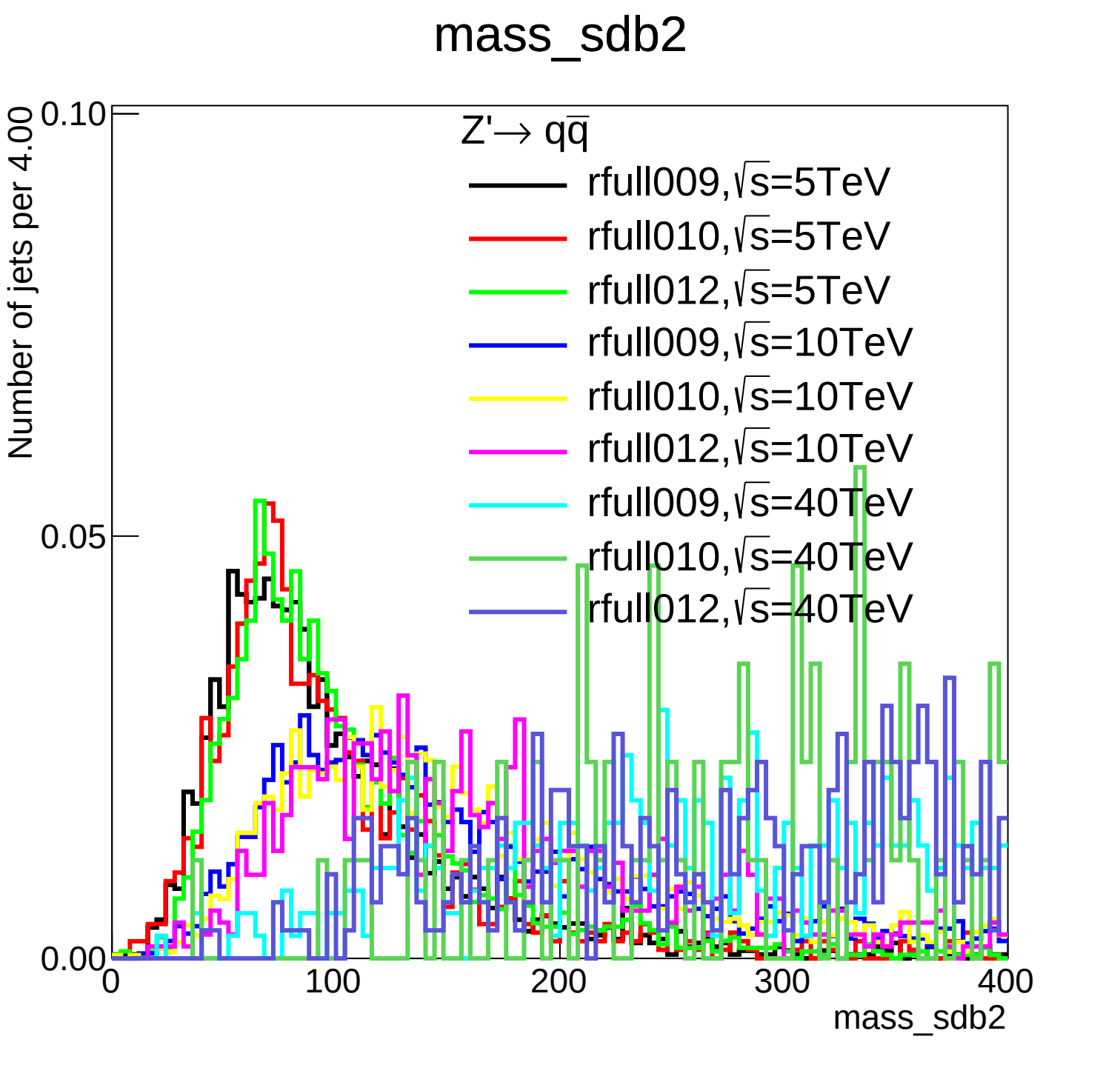
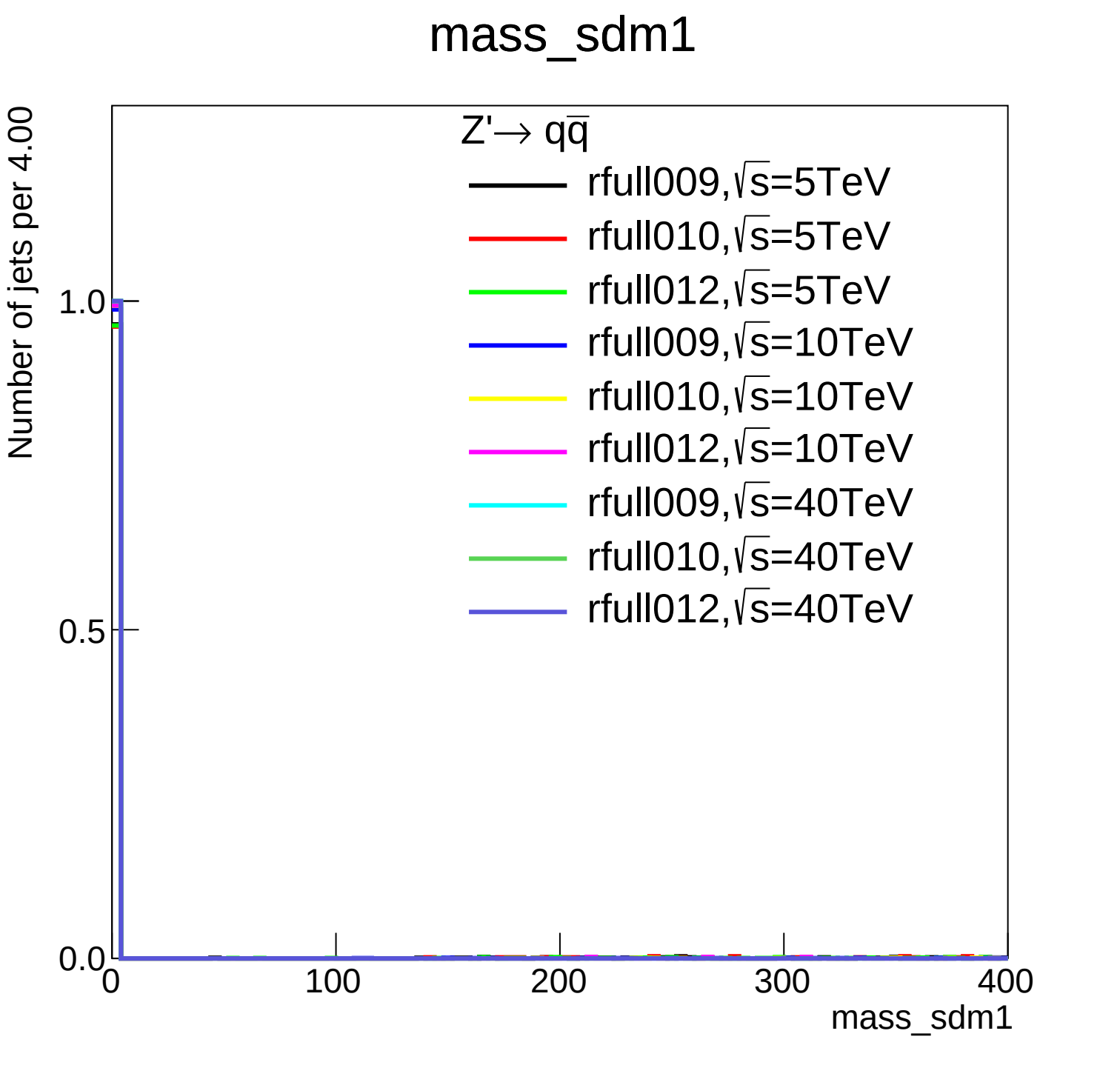
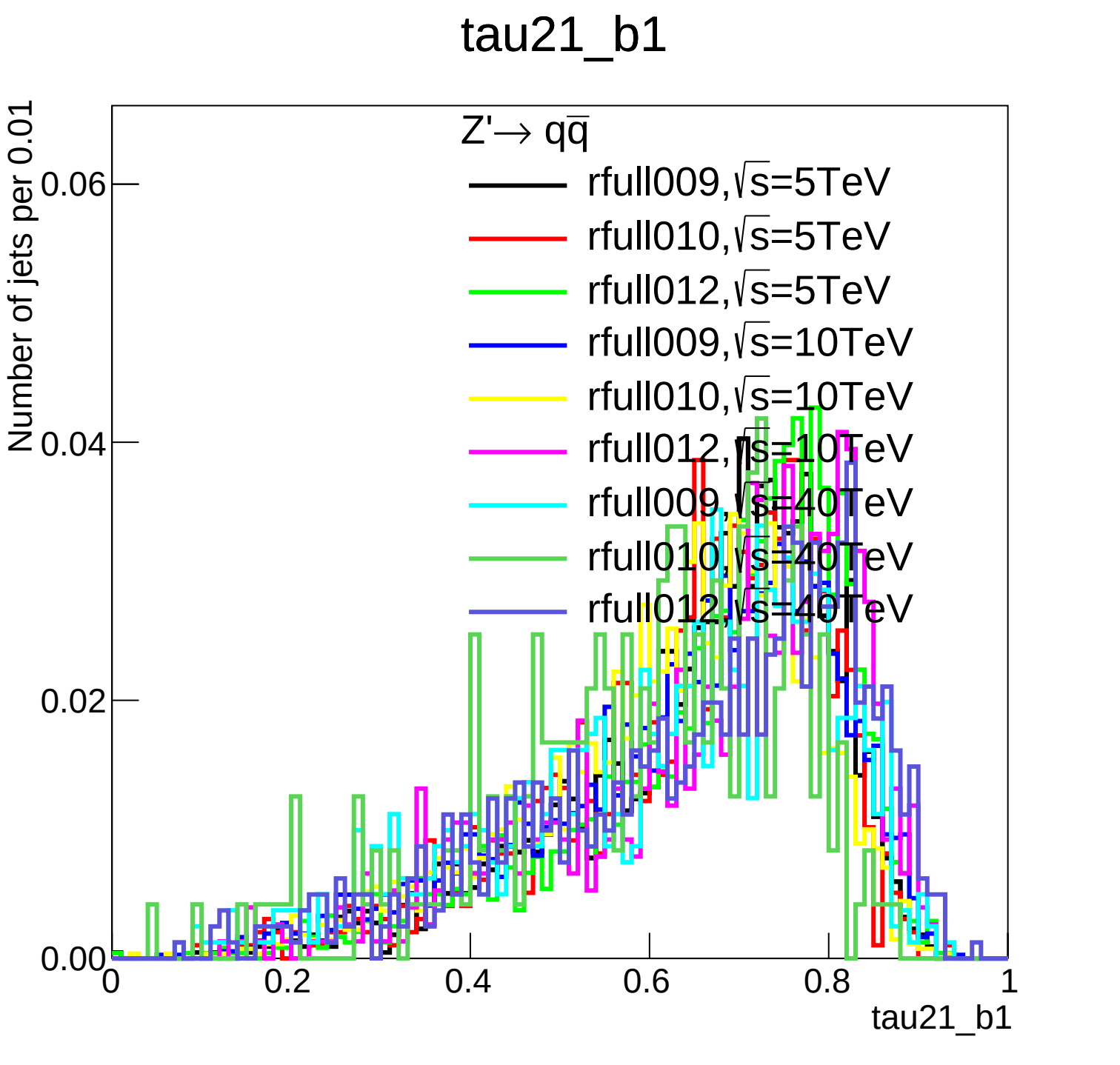

mass_trim
Z'→ qq̄
rfull009,√s=5TeV
rfull010,√s=5TeV
rfull012,√s=5TeV
rfull009,√s=10TeV
rfull010,√s=10TeV
rfull012,√s=10TeV
rfull009,√s=40TeV
rfull010,√s=40TeV
rfull012,√s=40TeV
Number of jets per 4.00
0.00
0.02
0.04
0.06
0.08
0
100
200
300
400
mass_trim

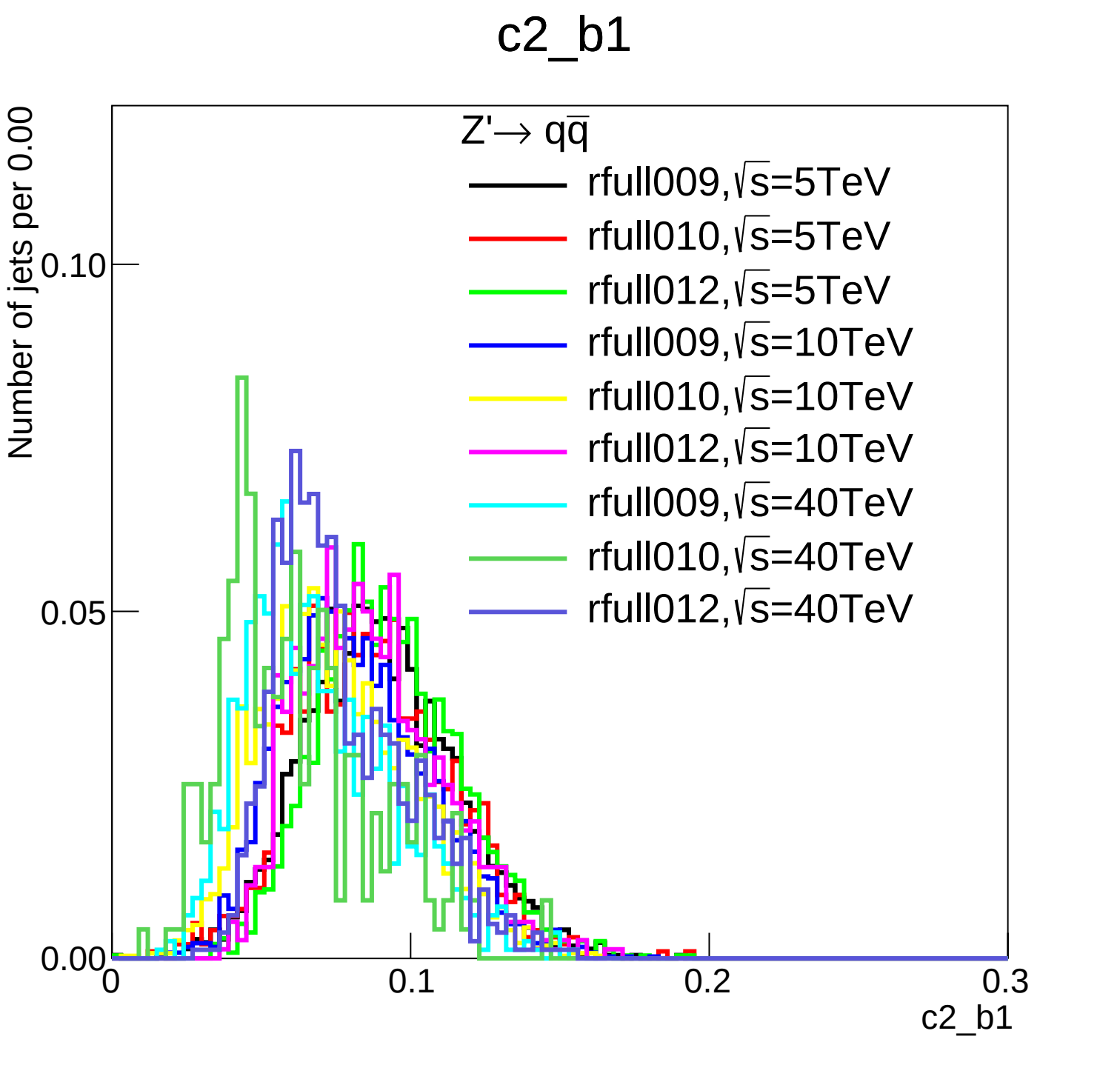

mass_mmdt
Z'→ qq̄
rfull009,√s=5TeV
rfull010,√s=5TeV
rfull012,√s=5TeV
rfull009,√s=10TeV
rfull010,√s=10TeV
rfull012,√s=10TeV
rfull009,√s=40TeV
rfull010,√s=40TeV
rfull012,√s=40TeV
Number of jets per 4.00
0.10
0.05
0.00
0
100
200
300
400
mass_mmdt

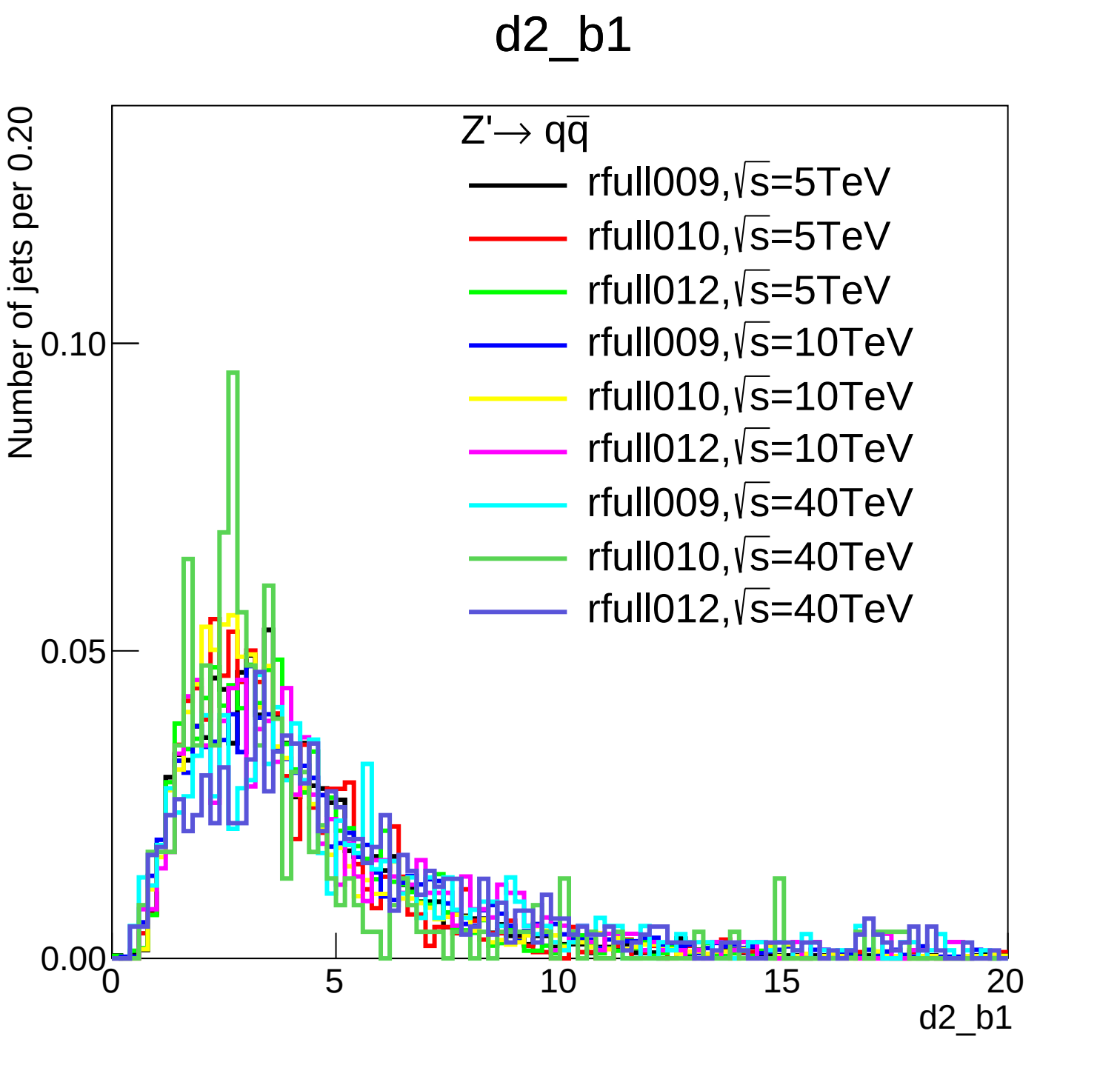

mass_prun
Z'→ qq̄
rfull009,√s=5TeV
rfull010,√s=5TeV
rfull012,√s=5TeV
rfull009,√s=10TeV
rfull010,√s=10TeV
rfull012,√s=10TeV
rfull009,√s=40TeV
rfull010,√s=40TeV
rfull012,√s=40TeV
Number of jets per 4.00
0.10
0.05
0.00
0
100
200
300
400
mass_prun

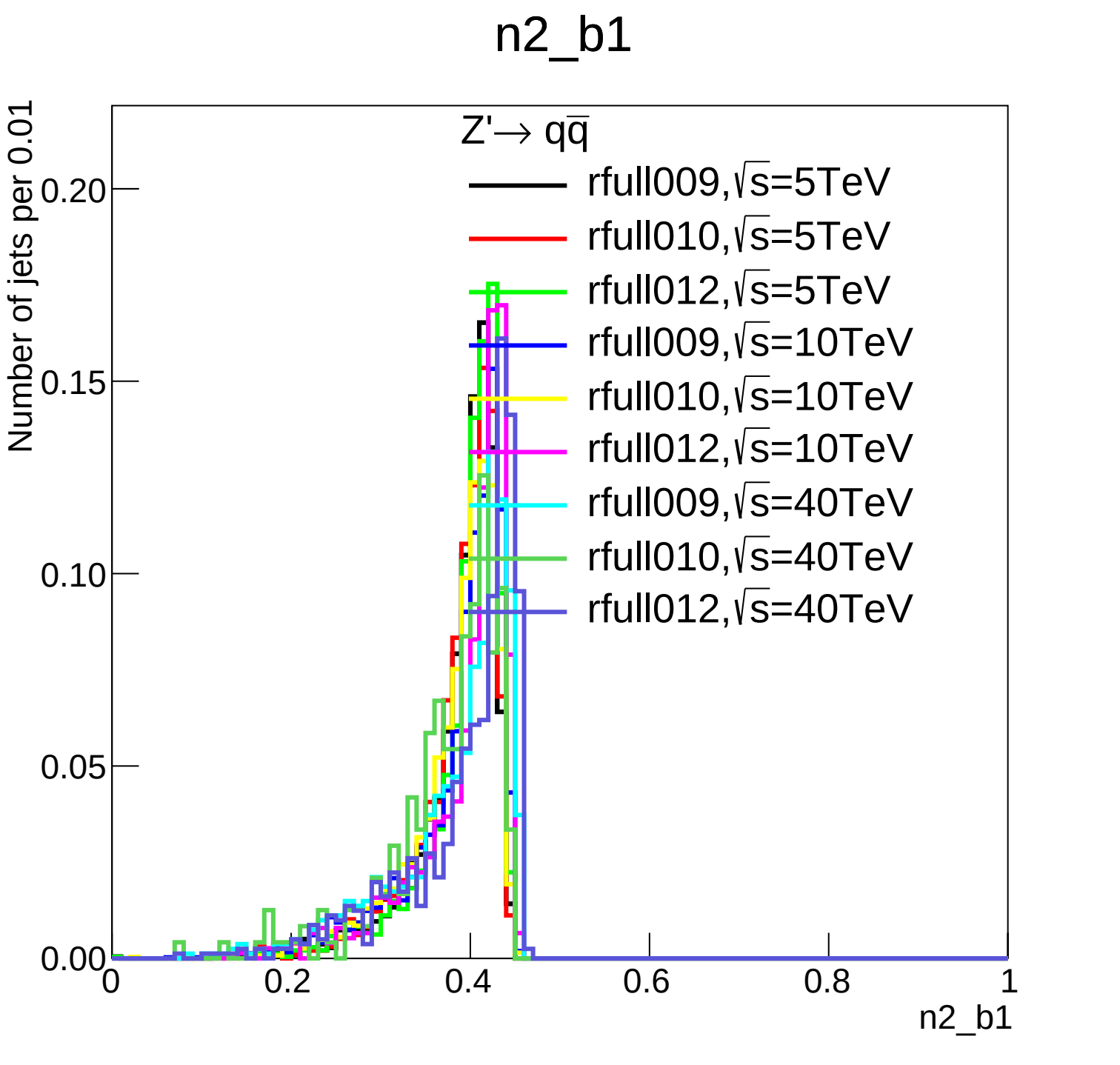

mass_sdb2
Z'→ qq̄
rfull009,√s=5TeV
rfull010,√s=5TeV
rfull012,√s=5TeV
rfull009,√s=10TeV
rfull010,√s=10TeV
rfull012,√s=10TeV
rfull009,√s=40TeV
rfull010,√s=40TeV
rfull012,√s=40TeV
Number of jets per 4.00
0.10
0.05
0.00
0
100
200
300
400
mass_sdb2

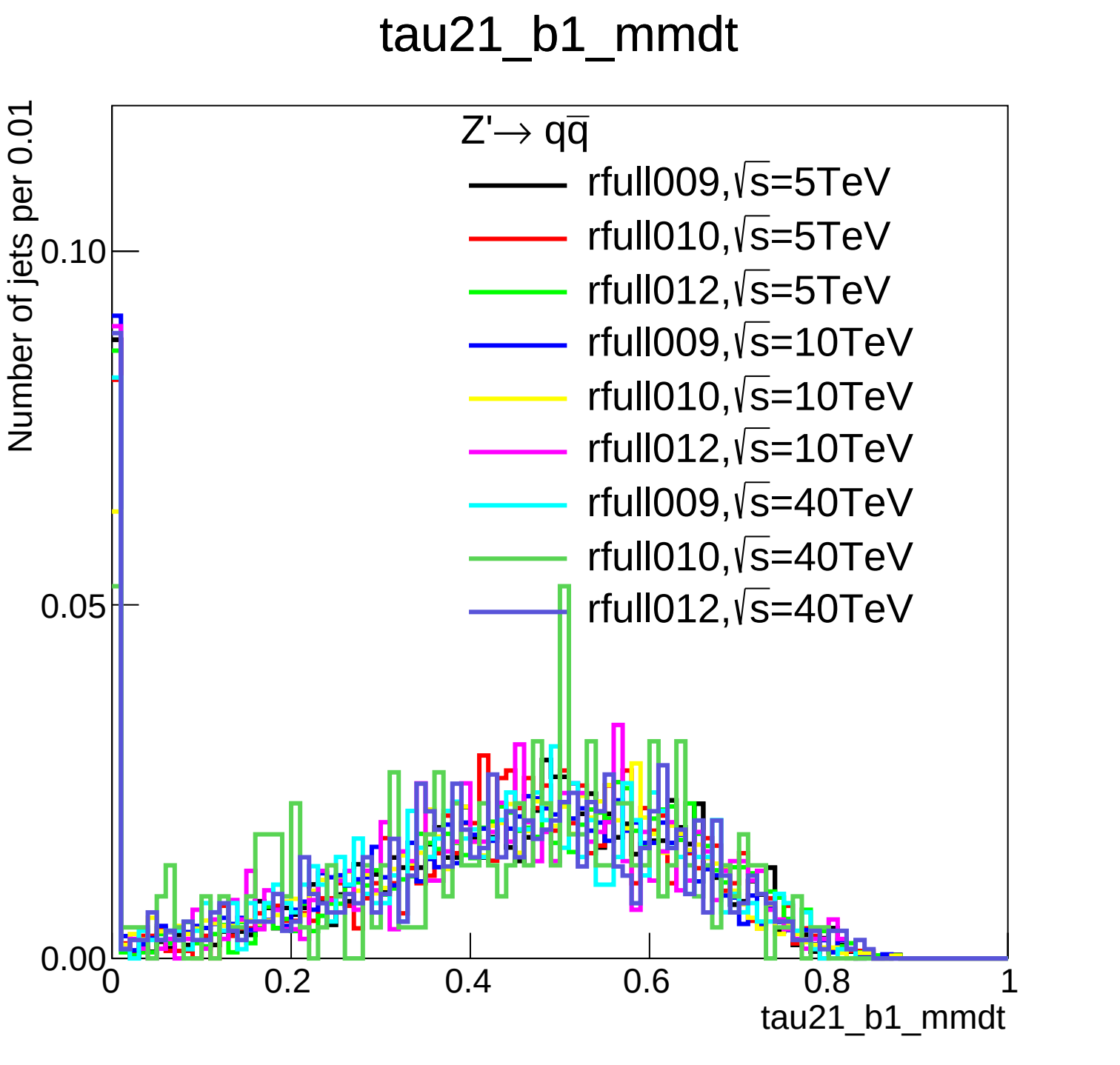

mass_sdm1
Z'→ qq̄
rfull009,√s=5TeV
rfull010,√s=5TeV
rfull012,√s=5TeV
rfull009,√s=10TeV
rfull010,√s=10TeV
rfull012,√s=10TeV
rfull009,√s=40TeV
rfull010,√s=40TeV
rfull012,√s=40TeV
Number of jets per 4.00
1.0
0.5
0.0
0
100
200
300
400
mass_sdm1

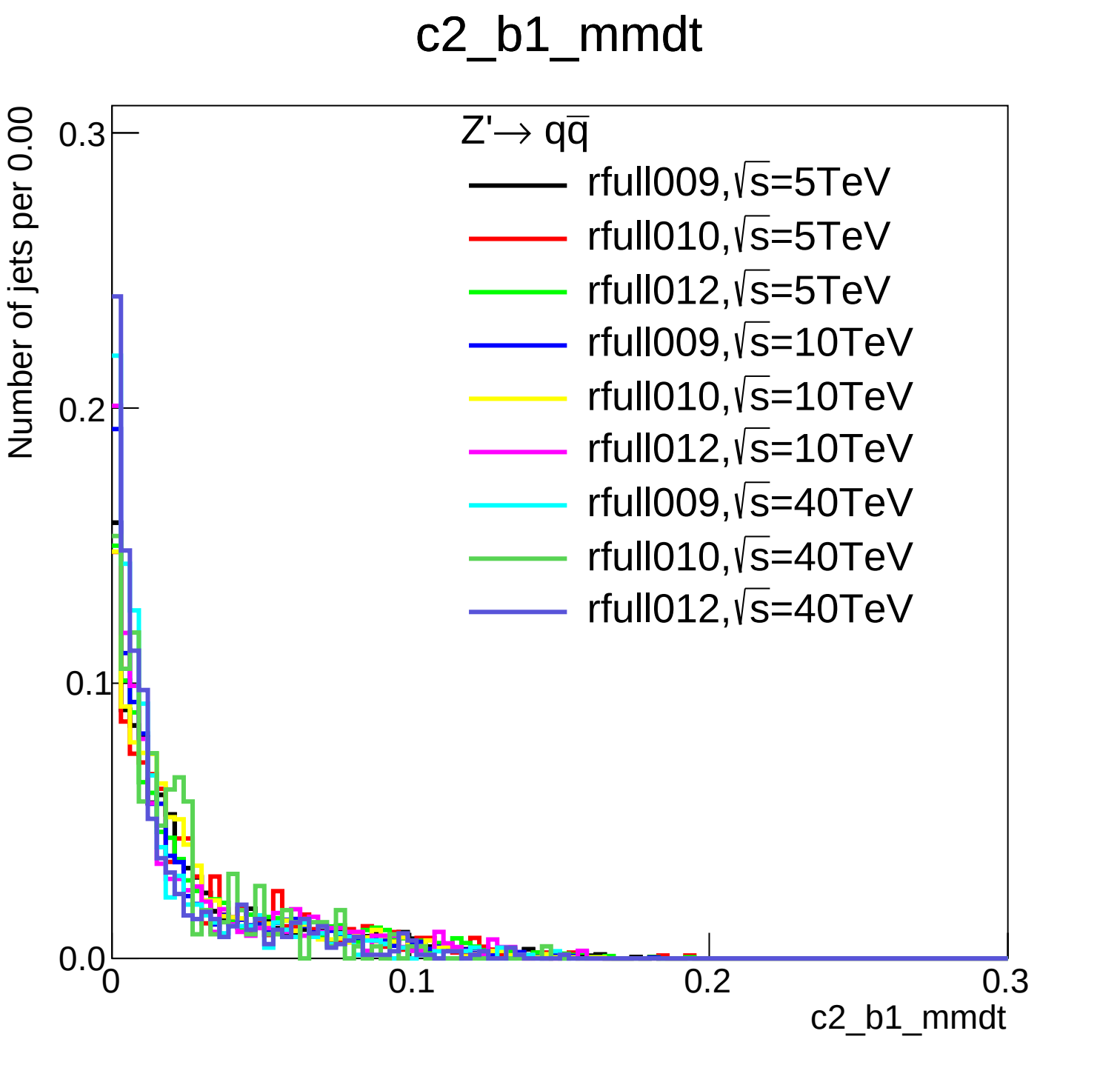

tau21_b1
Z'→ qq̄
rfull009,√s=5TeV
rfull010,√s=5TeV
rfull012,√s=5TeV
rfull009,√s=10TeV
rfull010,√s=10TeV
rfull012,√s=10TeV
rfull009,√s=40TeV
rfull010,√s=40TeV
rfull012,√s=40TeV
Number of jets per 0.01
0.06
0.04
0.02
0.00
0
0.2
0.4
0.6
0.8
1
tau21_b1

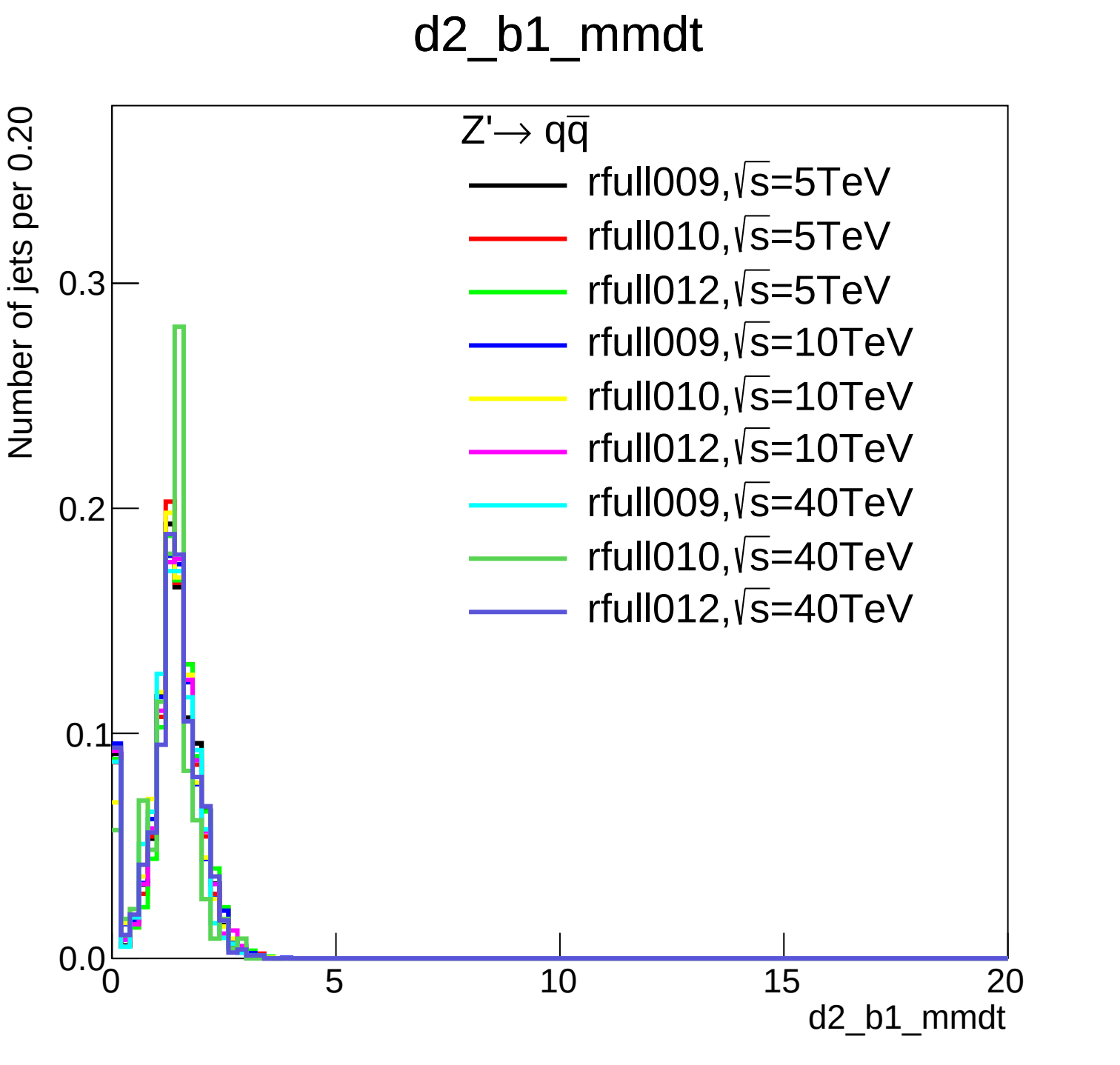

c2_b1
Z'→ qq̄
rfull009,√s=5TeV
rfull010,√s=5TeV
rfull012,√s=5TeV
rfull009,√s=10TeV
rfull010,√s=10TeV
rfull012,√s=10TeV
rfull009,√s=40TeV
rfull010,√s=40TeV
rfull012,√s=40TeV
Number of jets per 0.00
0.10
0.05
0.00
0
0.1
0.2
0.3
c2_b1

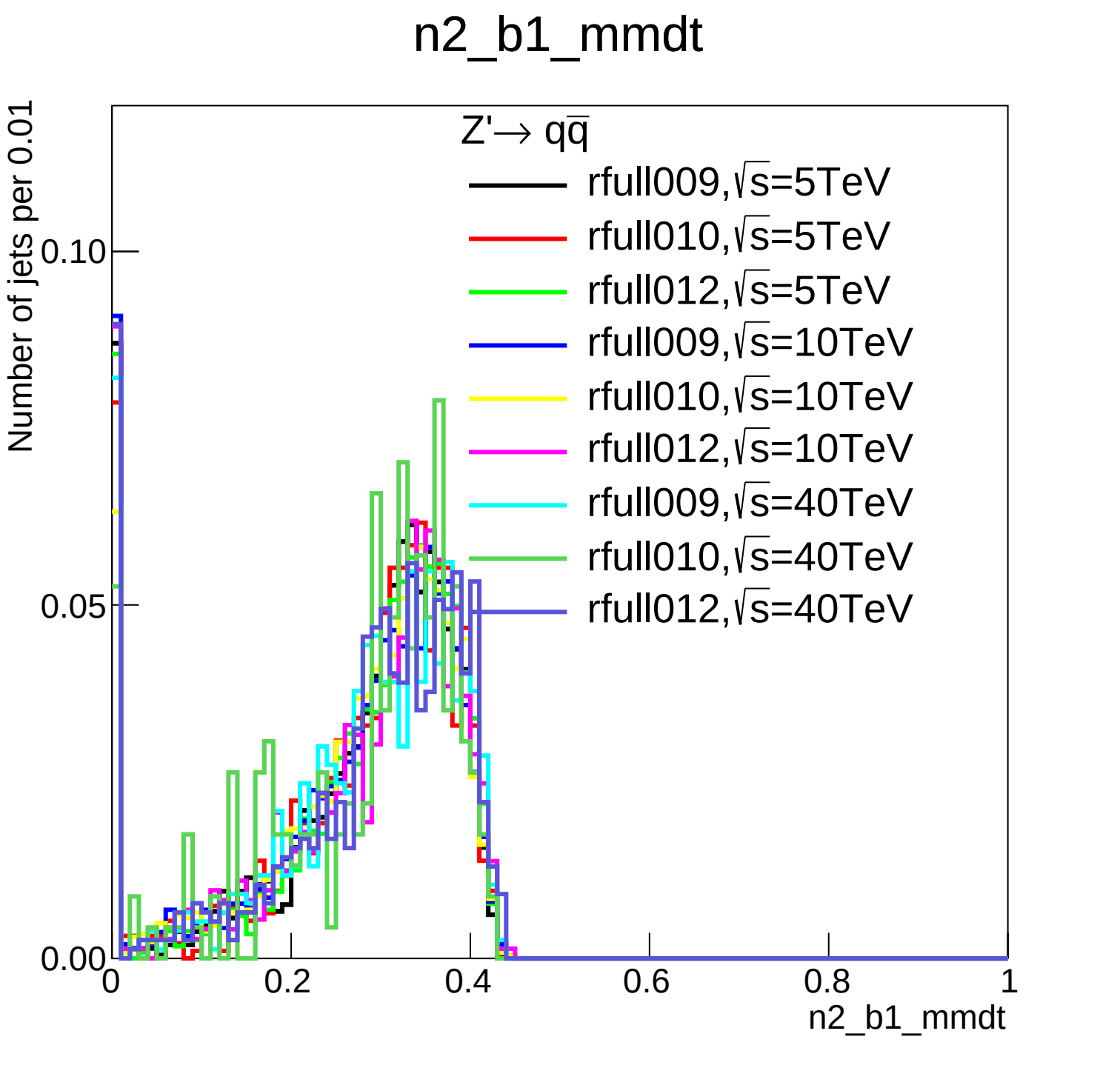

d2_b1
Z'→ qq̄
rfull009,√s=5TeV
rfull010,√s=5TeV
rfull012,√s=5TeV
rfull009,√s=10TeV
rfull010,√s=10TeV
rfull012,√s=10TeV
rfull009,√s=40TeV
rfull010,√s=40TeV
rfull012,√s=40TeV
Number of jets per 0.20
0.00
0.05
0.10
0
5
10
15
20
d2_b1

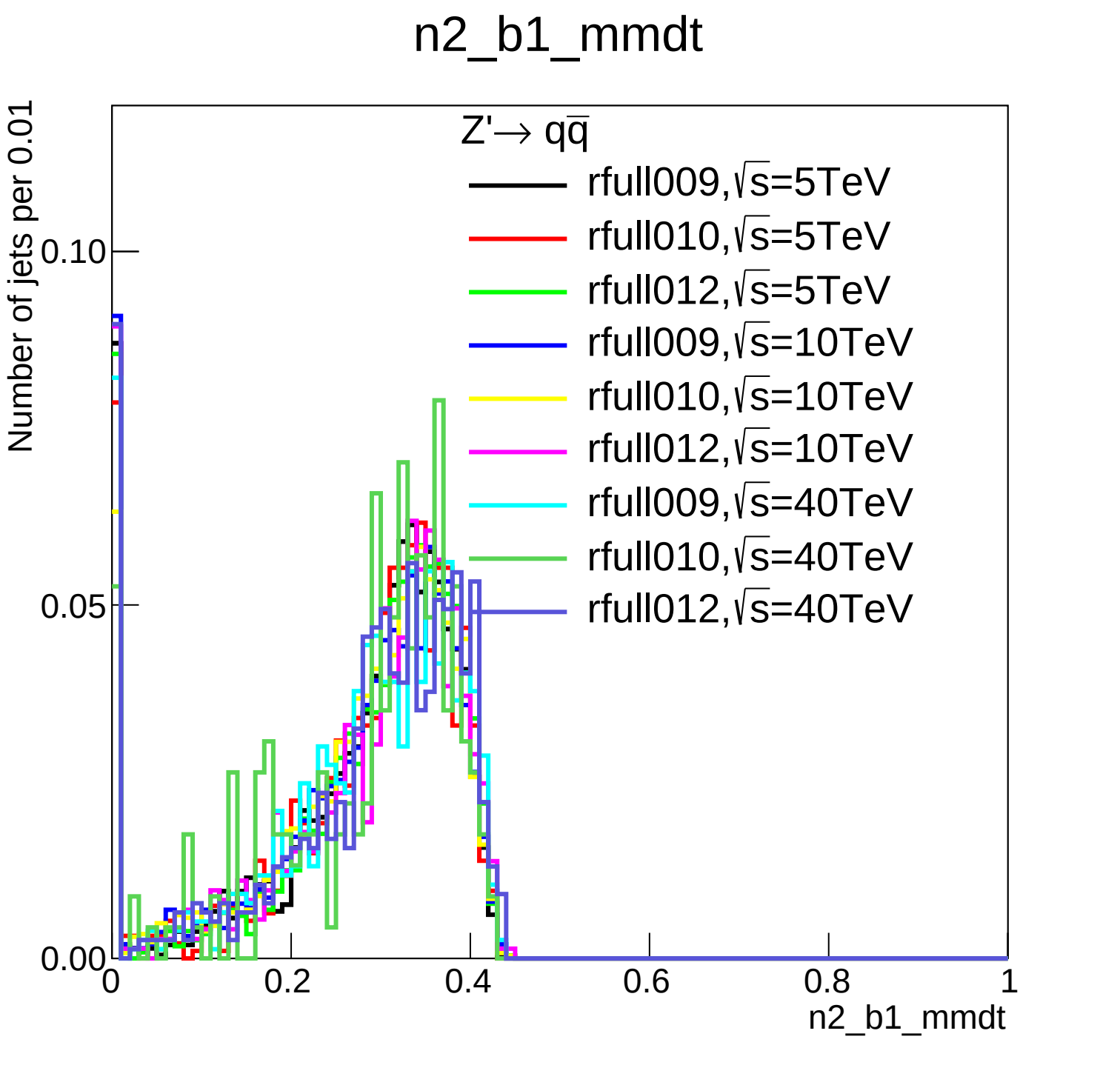

n2_b1
Z'→ qq̄
rfull009,√s=5TeV
rfull010,√s=5TeV
rfull012,√s=5TeV
rfull009,√s=10TeV
rfull010,√s=10TeV
rfull012,√s=10TeV
rfull009,√s=40TeV
rfull010,√s=40TeV
rfull012,√s=40TeV
Number of jets per 0.01
0.00
0.05
0.10
0.15
0.20
0
0.2
0.4
0.6
0.8
1
n2_b1


tau21_b1_mmdt
Z'→ qq̄
rfull009,√s=5TeV
rfull010,√s=5TeV
rfull012,√s=5TeV
rfull009,√s=10TeV
rfull010,√s=10TeV
rfull012,√s=10TeV
rfull009,√s=40TeV
rfull010,√s=40TeV
rfull012,√s=40TeV
Number of jets per 0.01
0.10
0.05
0.00
0
0.2
0.4
0.6
0.8
1
tau21_b1_mmdt


c2_b1_mmdt
Z'→ qq̄
rfull009,√s=5TeV
rfull010,√s=5TeV
rfull012,√s=5TeV
rfull009,√s=10TeV
rfull010,√s=10TeV
rfull012,√s=10TeV
rfull009,√s=40TeV
rfull010,√s=40TeV
rfull012,√s=40TeV
Number of jets per 0.00
0.3
0.2
0.1
0.0
0
0.1
0.2
0.3
c2_b1_mmdt


d2_b1_mmdt
Z'→ qq̄
rfull009,√s=5TeV
rfull010,√s=5TeV
rfull012,√s=5TeV
rfull009,√s=10TeV
rfull010,√s=10TeV
rfull012,√s=10TeV
rfull009,√s=40TeV
rfull010,√s=40TeV
rfull012,√s=40TeV
Number of jets per 0.20
0.0
0.1
0.2
0.3
0
5
10
15
20
d2_b1_mmdt


n2_b1_mmdt
Z'→ qq̄
rfull009,√s=5TeV
rfull010,√s=5TeV
rfull012,√s=5TeV
rfull009,√s=10TeV
rfull010,√s=10TeV
rfull012,√s=10TeV
rfull009,√s=40TeV
rfull010,√s=40TeV
rfull012,√s=40TeV
Number of jets per 0.01
0.00
0.05
0.10
0
0.2
0.4
0.6
0.8
1
n2_b1_mmdt


n2_b1_mmdt
Z'→ qq̄
rfull009,√s=5TeV
rfull010,√s=5TeV
rfull012,√s=5TeV
rfull009,√s=10TeV
rfull010,√s=10TeV
rfull012,√s=10TeV
rfull009,√s=40TeV
rfull010,√s=40TeV
rfull012,√s=40TeV
Number of jets per 0.01
0.10
0.05
0.00
0
0.2
0.4
0.6
0.8
1
n2_b1_mmdt